

Post-Graduate Research Association Conference 2013

*The Accessibility of Research*

Canterbury Christ Church University, Kent, UK - 13.06.2013

# Openness

*and the*  
Networked Researcher

Wayne Barry





# Who am I?

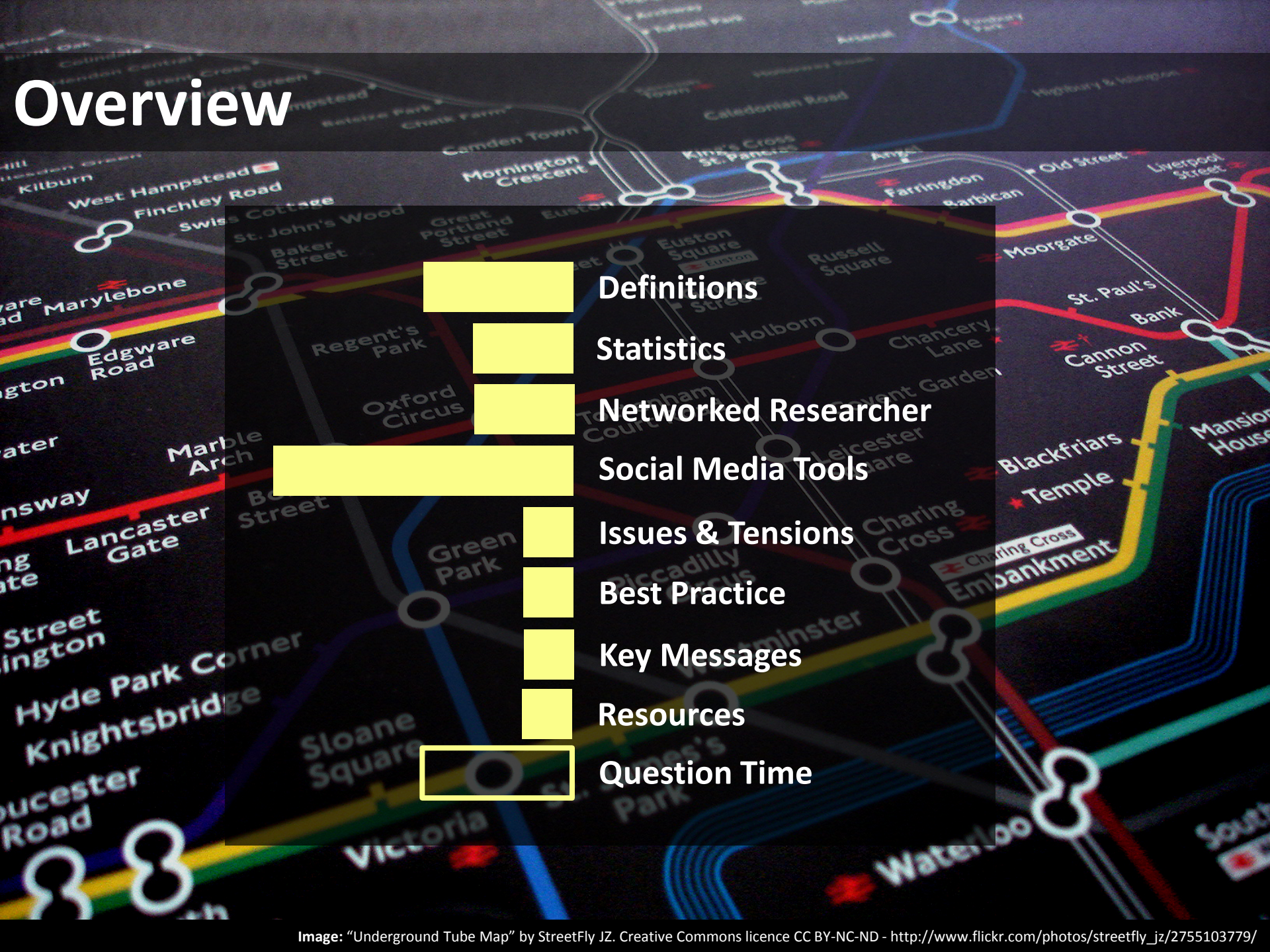
## Wayne Barry

- Learning Technologist
- PGCLT(HE) Tutor
- Change Agent
- Blogger
- EdD Student





# Overview



Definitions

Statistics

Networked Researcher

Social Media Tools

Issues & Tensions

Best Practice

Key Messages

Resources

Question Time





A Show of **Hands**...

How many of you are currently using some form of social media to **support** your research and scholarly activities?

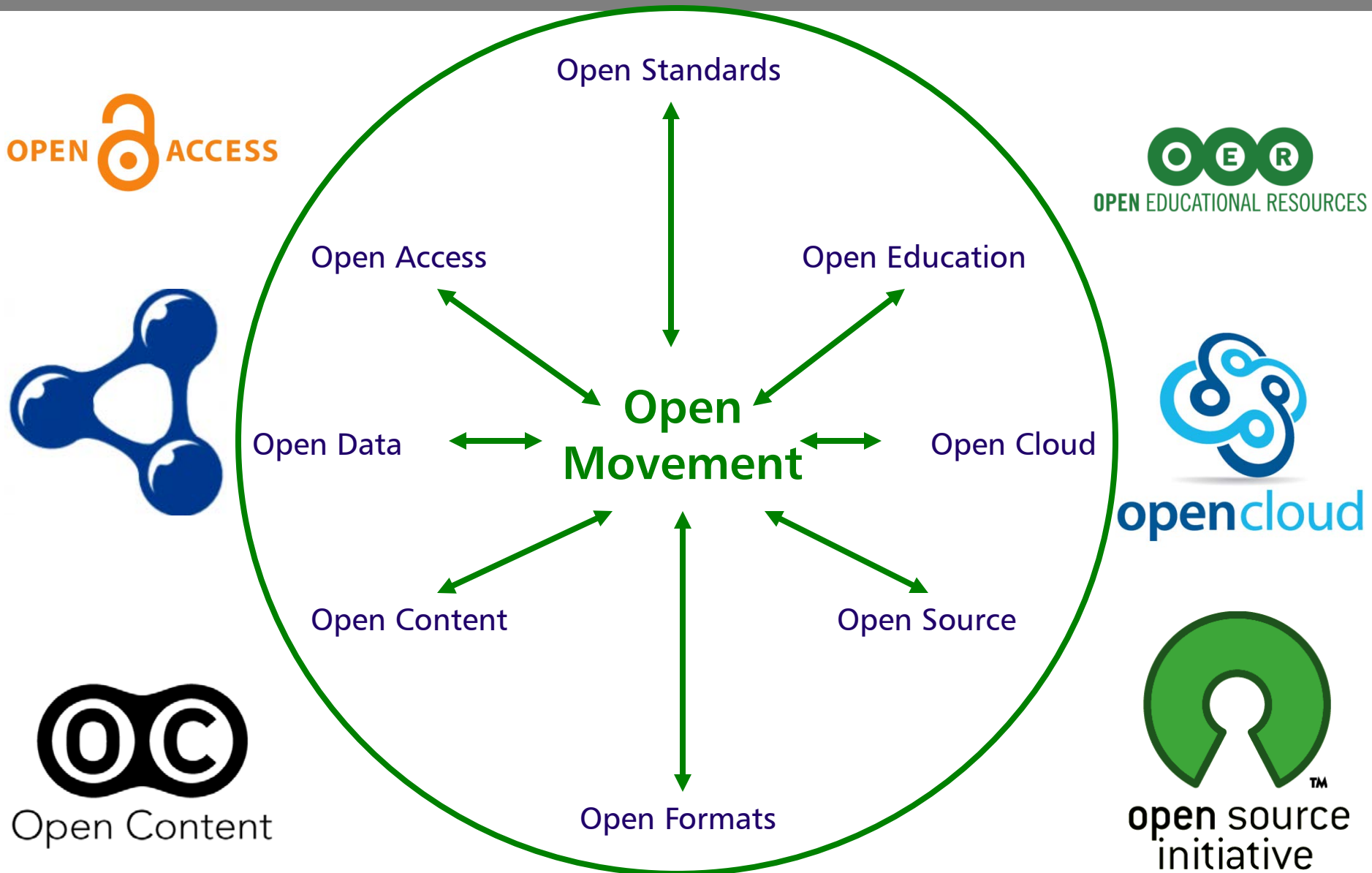


# Some Definitions...

*...an exact statement or description of the nature, scope, or meaning of something.*  
(OED, 2012)



# The 'Open Movement'





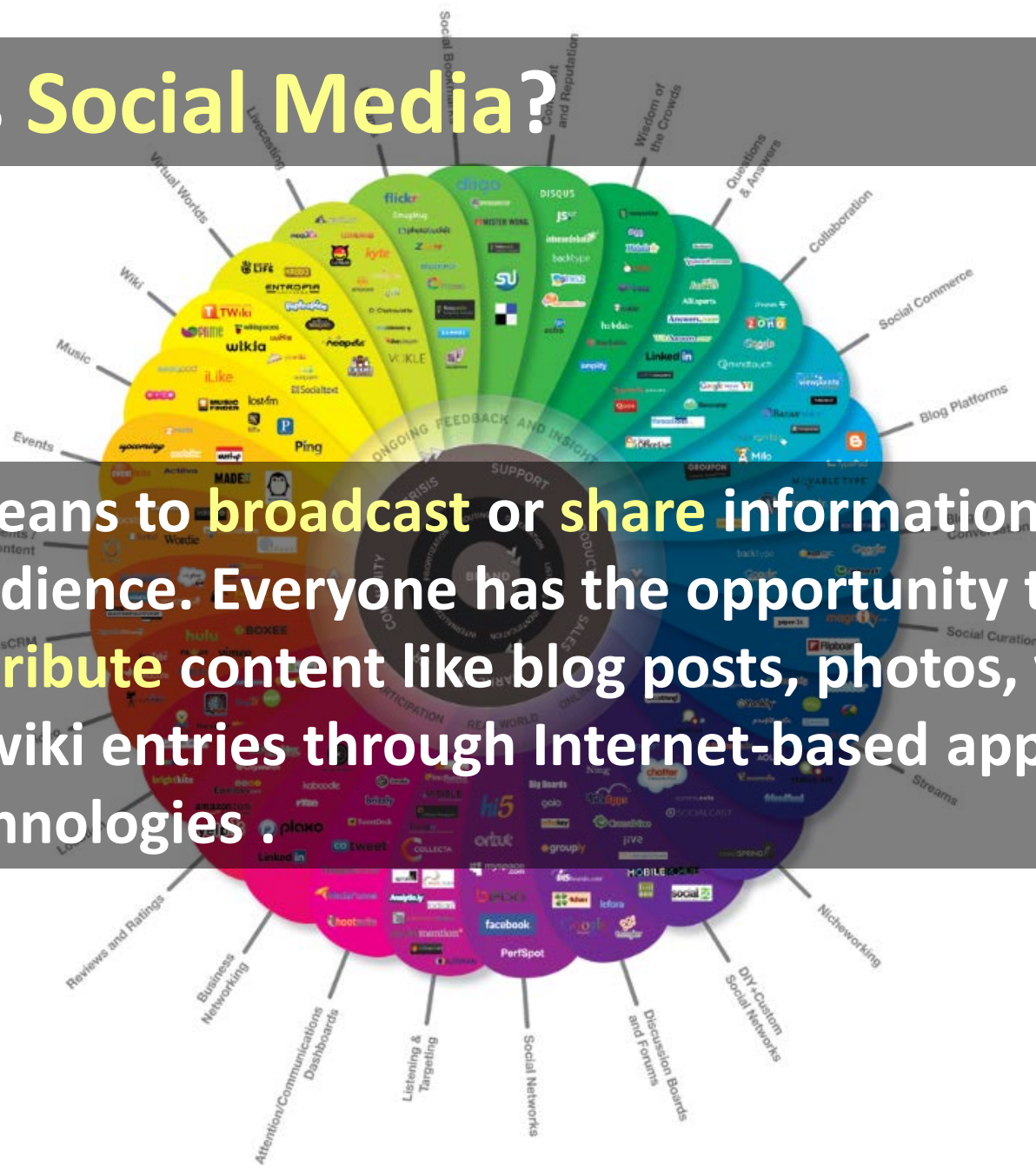
# What is Openness?

- widening **access**;
- greater **choice**;
- encompassing **inclusivity** and **diversity**;
- content that can be **used, reused, revised, remixed**;
- being **shared** with others;
- being **participatory**;
- being **transparent**;
- being **flexible**;
- being a **common good**.



# What is Social Media?

...is a means to **broadcast** or **share** information with a wide audience. Everyone has the opportunity to **create** and **distribute** content like blog posts, photos, videos, music, wiki entries through Internet-based applications and technologies.





# Some Statistics...

*...the practice or science of collecting and analysing numerical data in large quantities, especially for the purpose of inferring proportions in a whole from those in a representative sample.*

(OED, 2012)

MODULATION



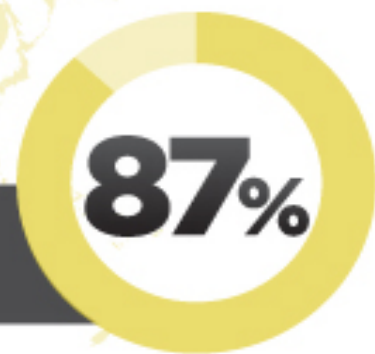
At the end of 2011, there were 6 billion mobile cellular subscriptions globally.<sup>1</sup>

# 6 BILLION



22% of these mobile subscribers access the web at least monthly.<sup>2</sup>

That means 87% of the world's population have mobile phones!



By 2014, mobile internet usage is predicted to take over desktop internet usage.<sup>3</sup>

## 34% USA

## 28% EUROPE

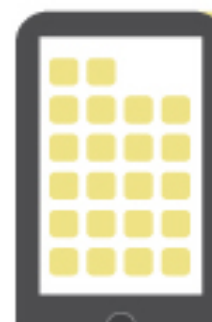
34% of Americans and 28% of Europeans use their mobile devices to access applications.<sup>4</sup>

## GROWING 7-9%

Across regions, mobile browsing and application usage is growing at a rate of 7-9% per year.<sup>4</sup>



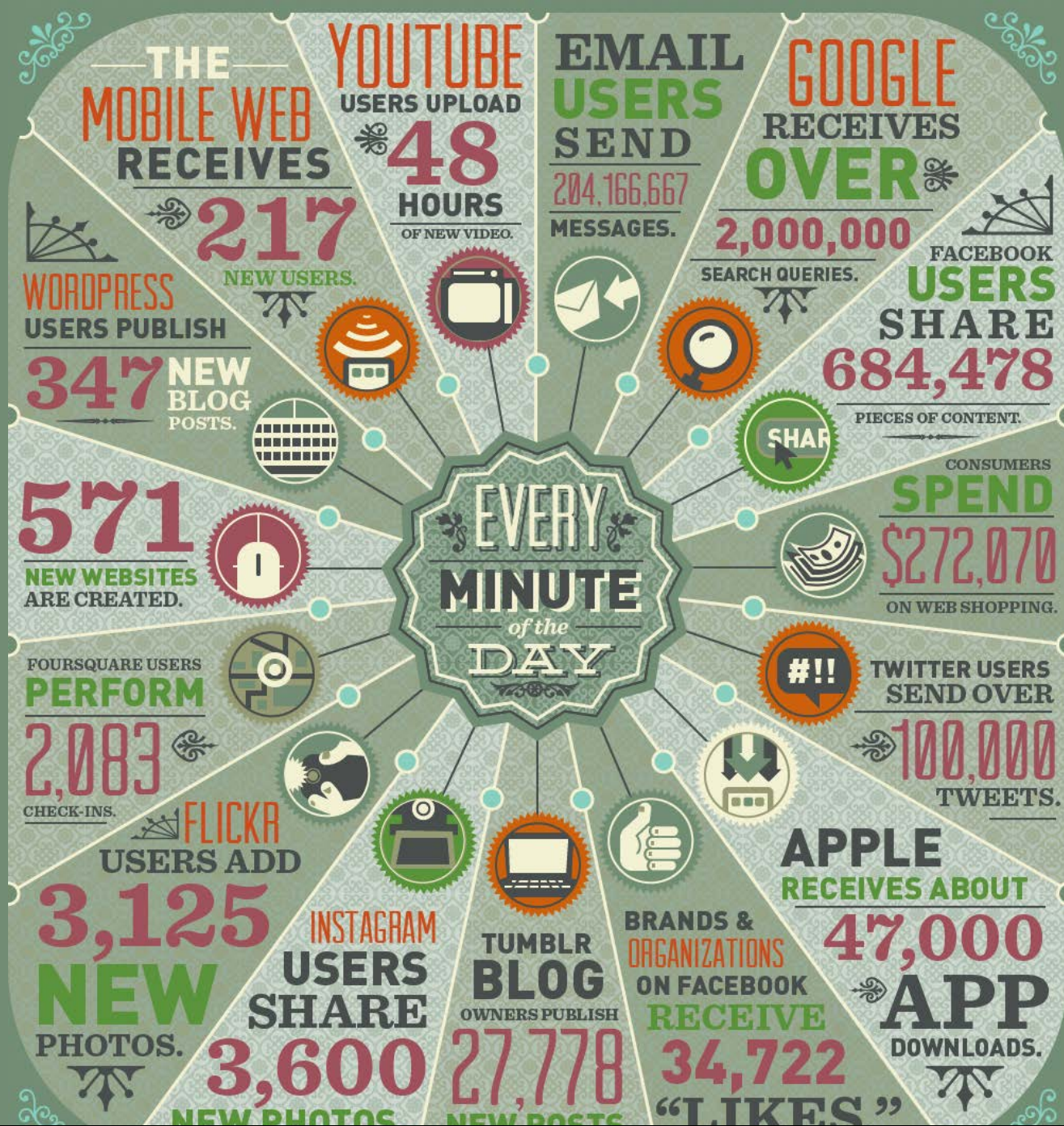
At the end of 2011, nearly 30 billion apps had been downloaded worldwide.<sup>5</sup>



## 22 APPS

The average smartphone user in the US has 22 mobile apps downloaded.<sup>6</sup>







# The **Networked** Researcher...

*A **key skill** for the 21st century researcher is building and maintaining their networks, whether within their institution or beyond.*

*The **Networked Researcher** makes critical use of a full range of tools and services that are available to support and facilitate their research and scholarly collaborations and communications.*



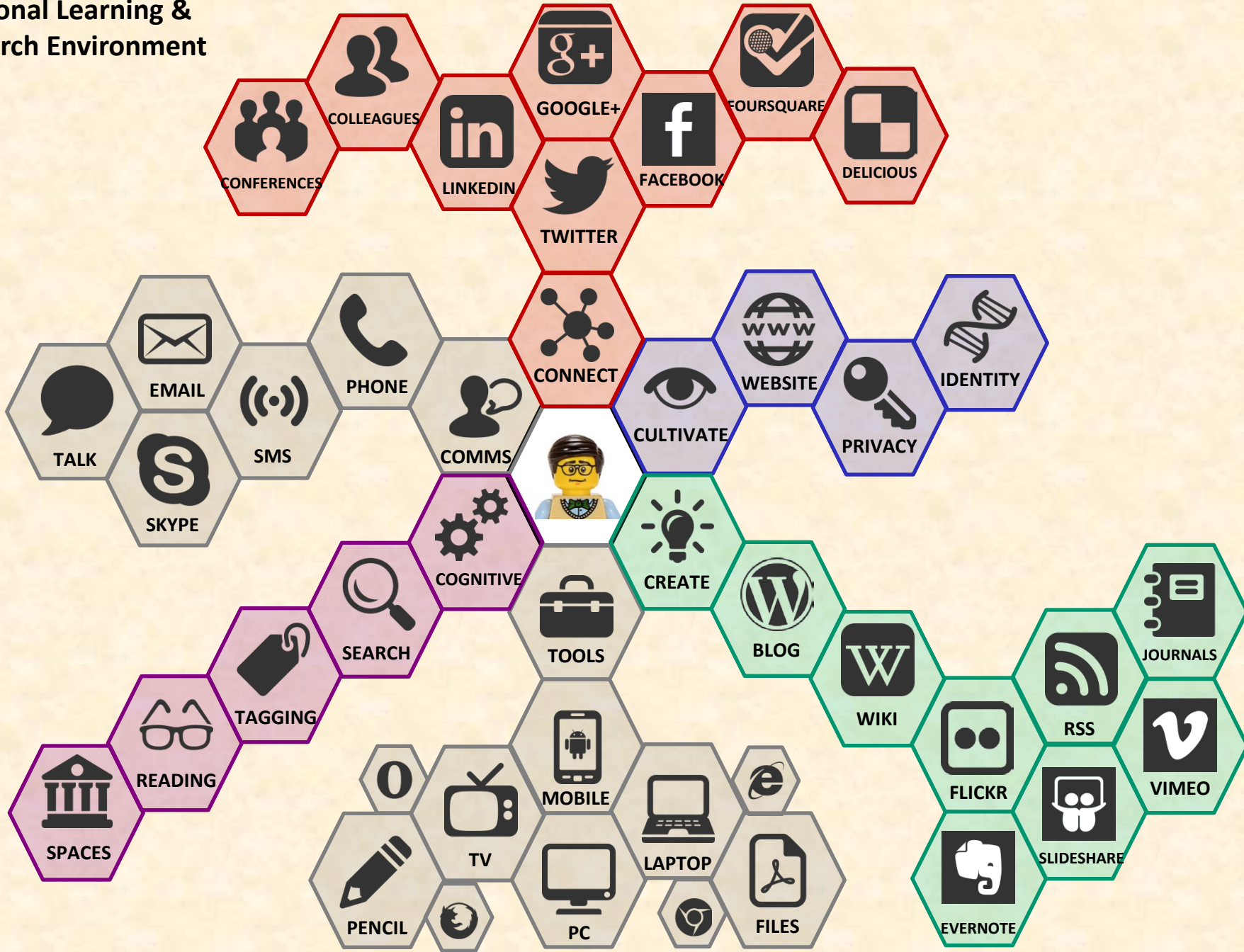


# Personal Learning & Research Network





Personal Learning & Research Environment





# Some Tools...







15.0



# Using a Blog the accidental technologist

- record **reflections** on research, or events attended;
- receive early **feedback** on research ideas;
- develop a **personal voice**;
- to **publicise** and **promote** research, or for public engagement;
- network for **funding** and **employment opportunities**;
- build a **community** of researchers with similar research interests;
- recruit **participants** for research;
- share **personal resolutions** with readers;
- keep **social connections** with family and friends.

Posted by HeyWayne | Filed under Learning, Pedagogy, Technology

## Preface

Back in 2008 I was studying for my EdD from The Open University on the OpenLearn platform. Also in 2008 I was studying for my EdD from The Open University on the OpenLearn platform. Also in 2008 I was studying for my EdD from The Open University on the OpenLearn platform. Also in 2008 I was studying for my EdD from The Open University on the OpenLearn platform.

The EdD is made up of seven modules at Master's level, on the successful completion of the first module, I then progress on doing the EdD. The first module is a 10,000 word essay, I undertook to "identify and analyse a theoretical approach in learning and education". I undertook to do this for the back of the "e-Learning and Digital Cultures" course that I took with the University of Edinburgh using the Coursera platform – I wanted to do this for the back of the "e-Learning and Digital Cultures" course. Interestingly, the concept of connectivism was raised in the "Open Education" course and a whole activity was devoted to it.

In some sense, this blog article is my contribution to that "Open Learn" activity as well as a reflection on the essay that I wrote for my EdD.

A tangled web

## Archives

2013

2011

2009

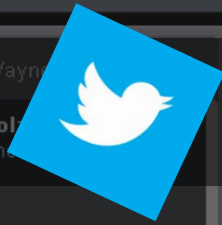
2008

## Tag Cloud

cognition coursera digital culture digital literacy e-learning edcmooc edinburgh education Feenberg game games gaming h817open Higher Education human humanity IDELaumn07 IDGBL2009 knots learning learning challenge learning spaces literacy mooc online learning open education open


Source: Minocha & Petre (2012)





# Using Twitter

- to publicise research, and to share ideas, news, breakthroughs;
- to solicit comments on a topic;
- to inform others about a new blog-post;
- to connect with others who have similar research interests;
- to help build and sustain your face-to-face networks;
- helps to introduce you to new people with shared interests;
- to search for specific ideas using keyword searches;
- to keep up-to-date with research funding opportunities, calls for papers, projects – “ambient collegiality” (McNeill, 2009);
- to participate in discussions with other postgraduate researchers using the hash-tag: #phdchat.

**Source: Minocha & Petre (2012)**  

**Elizabeth Polzin** @Prof\_Polzin 1m  
 @EmmaBurnettx Viva? The equivalent of a defense? #phdchat





# Using RSS Feeds

Wayne Barry  
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Today  
Saved For Later  
Add Content

All 29

Blogs 2

BODE 0

PD 0

Creativity 0

Ed. R. 0

Ed. Tech. 0

Funding Opps 0

Gen. 0

HE Perspectives 11

ISC 0

Learning Space 2

Pedagogies 0

Policy 0

Prof. Dev. 0

Psychology 0

SoTL 0

Subject Journals 0

T.H.E. 0

Index

Recently Read

Sort Alphabetically

YESTERDAY

## Collaborative cloud: a new model for e-learning

Innovations in Education and Teaching International, Volume 0, Issue 0, Page 1-14, Ahead of Print.

4K♥ Innovations in Education and Teaching International / 1d

## What are the perceived differences between assessing at postgraduate level assessment? Some findings from an MRS-funded project

Innovations in Education and Teaching International, Volume 0, Issue 0, Page

4K♥ Innovations in Education and Teaching International / 1d

## 'Turnitin said it wasn't happy': can the regulatory discourse of plagiarism detection generate as a change agent for writing development?

Innovations in Education and Teaching International, Volume 0, Issue 0, Page

4K♥ Innovations in Education and Teaching International / 1d

## Changing academic teaching With Web 2.0 technologies

Innovations in Education and Teaching International, Volume 0, Issue 0, Page

4K♥ Innovations in Education and Teaching International / 1d

IN MY FEEDLY

Innovations in Education and 9

HEA News 1

Educational Review 4

Research in Learning Technology 1

BL - Digital Scholarship 1

Population, Space and Place 2

Mozilla Open Badges Blog 1

International Journal of 1

Teaching in Higher Education 1

Higher Education Research & 1

Journal of Further and Higher 1

Cyberpsychology, Behavior, and 1

## HEA responds to Which?/HEPI Student Academic Experience Survey

The Higher Education Academy (HEA) today responded to the Which?/Higher Education Policy Institute Student Academic Survey 2013.

HEA News / 9h

Source: Minocha & Petre (2012)





# Using SlideShare

- an **online repository** for your presentations;
- to **share** with the community;
- to **publicise** and **promote** research;
- to **receive feedback** on research ideas;
- to **network** for funding and employment opportunities
- to **join groups** to connect with SlideShare members who share your interests;
- to be able to view presentations and other documents by **other researchers**.

Source: Minocha & Petre (2012)



# Using Delicious



Wayne Barry @waynebarry

Tell me, Delicious, how can I tell you about myself on your **profile settings page**.  
<http://www.waynebarry.com/>

Links 1,187

Followers 0

Following 0

## RELATED TAGS

tools

web2.0

software

technology

e-learning

mindmap

teaching

resources

educational

learning

reference

video

games

gaming

research

secondlife

technology

university

web2.0

tools

reference

education

technology

learning

teaching

wiki

mindmap

resources

educational

learning

reference

video

games

gaming

research

secondlife

## E-learning and Web 2.0 tools for schools

You added 3 years ago

mindomo.com tools, web2.0, e-learning, software, education, technology, learning, mindmap

Edit links

503



## E-learning and Web 2.0 tools for schools

This is a collection of useful web 2.0 and social media applications for anyone in education. I have tried a few of them and found them useful in them. Now it is up to you and your imagination to use them in your own way. I have also added some new tools

First added 4 years ago by: reuw

Björn Kindenberg

Swedish teachers' länksamling med e-hjälpmedel för

Megan Stanton

Kind of a crazy website, it's designed interactively. Really neat way to learn about web 2.0 resources for teachers.

Elena Catalano

E-learning tools, features and services map

Svetlana Kozlovskaja

- редактирование видео
- редактирование фото
- создание презентаций
- системы поиска
- работа со звуком
- работа с онлайн картами
- LMS, CMS

## indispensabletools / FrontPage

PB pbworks.com tools, web2.0, e-learning, software, education, technology, learning, mindmap

## Learning Forum: Web Tools

You added 3 years ago

sh2000.com tools, web2.0, e-learning, software, education, technology, learning, mindmap

## SHR Conference 2009 - Raising achievement in History at KS4 usin...

You added 4 years ago

dougbelshaw.com e-learning, education, educational, technology, learning, technology, teaching, wiki

## Help To... Learning Tech...

You added 4 years ago

umanitoba.ca e-learning, web2.0, tools, reference, education, technology, learning, teaching, wiki

## Serious Games Institute - Home - The SGI - Serious about Games

You added 4 years ago

seriousgamesinstitute.co.uk e-learning, education, games, gaming, learning, research, secondlife, technology, university, web2.0

## xtimeline - Explore and Create Free Timelines

You added 4 years ago





# Using Academia.edu

- to create a **publically-available professional profile** displaying experience and specialities;
- to **keep connections** with past colleagues and to build professional relationships;
- to **promote visibility** for jobs, consulting opportunities and collaborations;
- to promote your **research publications, papers and presentations**;
- to receive from and provide **recommendations** to connections;
- to **publicise** and **promote** research;
- to receive **early feedback** on research ideas;
- to **network** for funding and employment opportunities;
- to **recruit participants** for research.



# Issues & Tensions

- a **reluctance to engage** with new technologies or new methods of dissemination;
- a **lack of recognition** of digital scholarship as an activity that is worthy of appreciation;
- there are **tensions** around the **types of access**... open vs. closed;
- there are **tensions** around **intellectual property**... attribution vs. copyright;
- how to **recognise** and **measure** the quality of these new types of outputs and activities in widely varied formats.

Source: Weller (2011)



# Best Practice

- create and maintain a consistent **professional online presence**;
- be selective on tool choices – ensure these are **‘fit for purpose’**;
- regularly **evaluate** the tools you use;
- if a particular tool is **not providing value**, then give it up!;
- keep your **purpose** and **audience** in mind;
- take care **not to overload** your followers;
- be aware of **IPR, copyright** and other **legal issues** and **risks** when using social media tools;
- schedule **time** for using social media to support your activities;
- develop a **“critical filter”** (**Barry, 2013**) to assess & assimilate new information;
- **REMEMBER: social media is not the only form of communication.**

Source: Minocha & Petre (2012)

# Some Key Messages...

## Social Media and other related technologies:

- can offer a **complement** to traditional research practices;
- can **extend** and **enhance** your 'personal research network';
- can accelerate the **sharing** of information;
- can facilitate **interaction** and **collaborative dialogue** around your ideas;
- can reduce the cost of **participation** and **co-ordination** of resources and actions;
- can enable your research to be more **open** and **accessible** – it is democratising information & knowledge.

Source: Minocha & Petre (2012)



# Some Resources...

Cann, A., Dimitriou, K. & Hooley, T. (2011). *Social Media: A Guide for Researchers*. London, England: Research Information Network. Available at: [http://www.rin.ac.uk/system/files/attachments/social\\_media\\_guide\\_for\\_screen\\_0.pdf](http://www.rin.ac.uk/system/files/attachments/social_media_guide_for_screen_0.pdf)

Czuczman, K. (2006). *A Networked Research Approach: A Guide to Conducting Research in a Network Setting*. London, England: International Forum for Rural Transport and Development. Available at: [http://ifrtd.org/files/uploads/en\\_nr\\_manual.pdf](http://ifrtd.org/files/uploads/en_nr_manual.pdf)

Minocha, S. & Petre, M. (2012). *Handbook of Social Media for Researchers and Supervisors: Digital Technologies for Research Dialogues*. Milton Keynes, England: Centre for Research in Computing, The Open University. Available at: <http://oro.open.ac.uk/34271/>

Mollett, A., Moran, D. & Dunleavy, P. (2011). *Using Twitter in University Research, Teaching and Impact Activities: A Guide for Academics and Researchers*. London, England: LSE Public Policy Group, London School of Economics and Political Science. Available at: <http://eprints.lse.ac.uk/38489/>

NSBA. (2007). *Creating & Connecting: Research & Guidelines on Social - and Educational - Networking*. Alexandria, VA: National Schools Board Association. Available at: <http://www.ila.org/pdf/creatingandconnecting.pdf>

Quinnell, S-L. (2011). "Becoming a Networked Researcher – using social media for research and researcher development". *Impact of Social Sciences blog*, 7.7.2011. Available at: <http://blogs.lse.ac.uk/impactofsocialsciences/2011/07/07/becoming-a-networked-researcher-using-social-media-for-research/>

Weller, M. (2011). *The Digital Scholar: How technology is transforming scholarly practice*. London: Bloomsbury Academic.

## Open Access and Open Practices for the Connected Researcher

By [Brian Kelly](#) · 22 October 2012

### Background

Today, Monday 22 October 2012, sees the start of [Open Access Week](#), #OAWeek. As [described](#) on the Open Access Week Web site:

*Open Access Week is a global event that provides an opportunity for the academic and research community to continue to learn about the potential benefits of Open Access, to share what they've learned with colleagues, and to help inspire wider participation in helping to make Open Access a new norm in scholarship and research.*

In my work at UKOLN, University of Bath I have a responsibility for supporting the UK's higher education sector in maximising the potential of the Web to support key institutional activities which, of course, includes supporting research activities.

My work includes writing peer-reviewed papers and giving talks at conferences about emerging innovative practices; I have a particular research interest in [Web accessibility](#) and additional interest in [Web standards](#), [Web preservation](#), [open practices](#) and [Web 2.0](#). Clearly making use of Open Access approaches can help to maximise awareness of my ideas and can help to increase citations by other researchers and adoption of the ideas by practitioners.

Making Research Publications Available in an Open Access Repository is Not Enough!

### Promoting Research

### Latest Articles

We're back (I hope)  
Temporary Measures to Keep Networked Researcher Afloat  
Peer Interview: Trent M. Kays  
Peer Interview: Sarah-Louise Quinnell  
Peer Interview: Martin Hawksey  
Peer Interview: Liana Silva  
Peer Interview: Mark Carrigan

### Blogging Unconferences

Open Access Week 2012 Blogging Unconference

### Archive

Select Month ▾

### Networked Researchers

Adam Golberg (1)  
Agata Mrva-Montoya (1)  
Amanda Starling Gould (2)  
Anthony Dolan (1)  
Arjun Krishnamoorthy (1)  
Ben (1)  
Ben Duke (1)  
Brian Kelly (1)  
Bushra Naheed (1)  
Catherine Baker (1)  
Chitra Iavathilake (1)

<http://www.networkedresearcher.co.uk/>



# Some Questions?

